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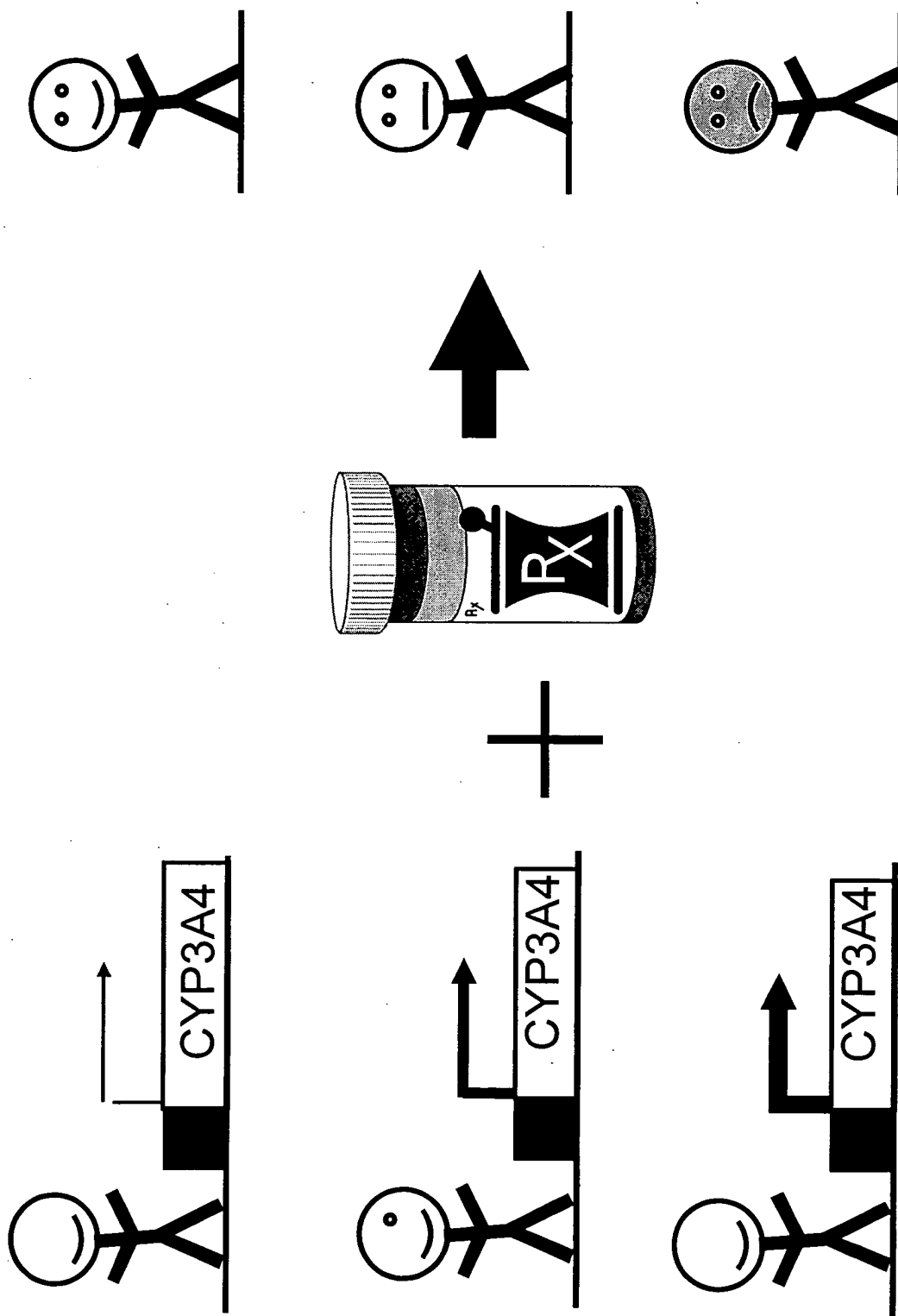


Fig. 1

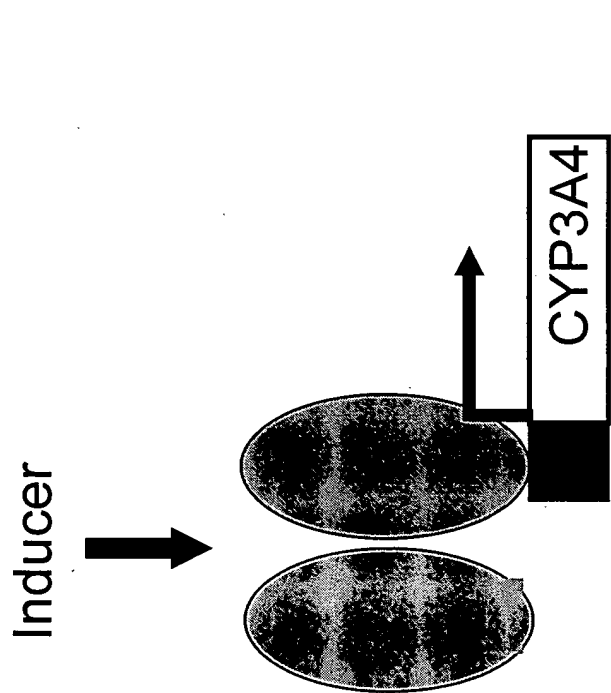
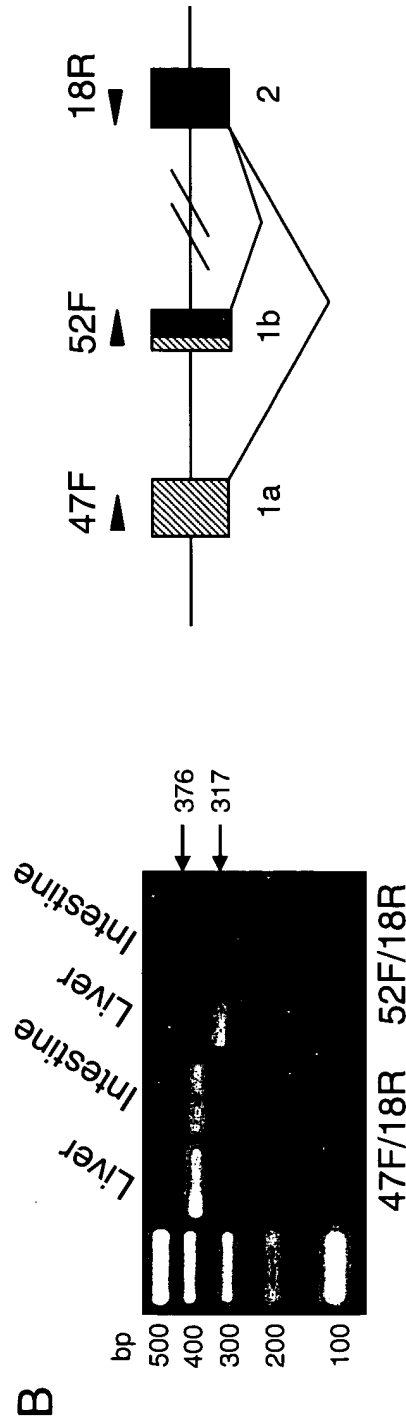
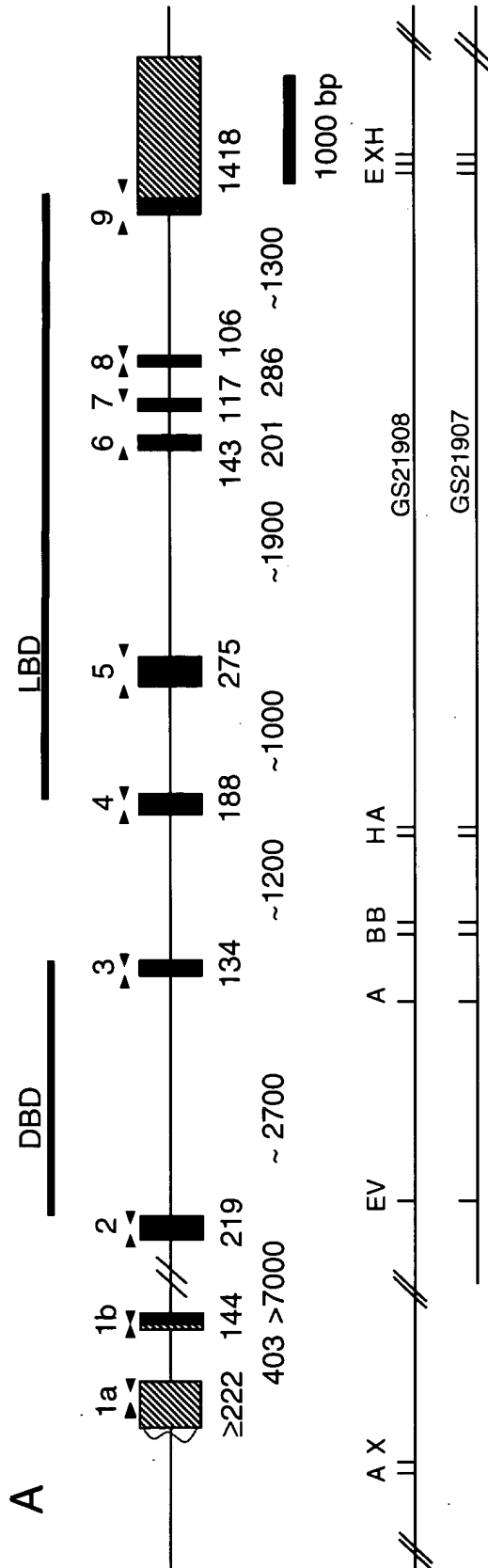


Fig 2



**Fig. 3**

**Exon1a & Exon1b**

TCAAGTGTCTGGACTTGGGACTTAGGAGGGGCAATGGAGCCGCTTAGTGCCTACATCTGACTTGGACTGAAA  
TATAGGTGAGAGACAAGATTGTCTCATATCCGGGGAAATCATAACCTATGACTAGGACGGGAAGAGG  
AAGCACTGCCTTTACTTCAGTGGGAATCTCG→AGCCTCAGCCTGCAAGCCAAGTGTTCACAGTGAAA  
AAAGCAAGAGAATAAGCTAATACTCCTGTCTGAAAC→AAAGGCAGCGGCTCCTTGGTAAAGCTACTC  
CTTGATCGATCCTTTGCACCGGATTGTTCAAAGTGGACCCAGGG→TGAGAAGTCCGAGCAAAGAAC  
TTACCACCAAGCAGGTATGGTTTTTCTTTCTTTCTTTTCTGCTGGGGGCTGACCGCCCTTCAGCTCCAGCCA  
AAAGATGTGTGTGAACACAAATATACCTTCTGTTTGAGGTCAGCATCATAGTGGGTCGTGAATCATGTTGGC  
CTTGCTGTGTCTCCTCATTTCTAGGGTGAAAAAAGCATGAAAAACAATCACTTAATGTTGAGCCCC  
ATTACTGATGCTCTCTGGTCCTGCACTAGCCTCCTAGAAAAATCACCACAGCCTTAACCTACTGCATGAGTTA  
CCACAAGTCACACATACAACCAGCTCCCTGTTACAGGGCTGGAGTCCCTGGACCCAGGAAATACCACCTCC  
AAGGACTGT→GGGGAGCTGGGGACTATGGGAAGTGGGATCAACTCAGTCCTGATTCTTTGGCCTGCTG  
GGTTAGTGCTGGCAGCCCCC→TGAGGCCAAGGACAGCAGCATGACAGTCACCAGGACTCACCCT  
TCAAGGAGGGGTCCCTCAGAGCACCTGCCATACCCCTGCACAGTGCTGCGGCTGAGTTGGCTTCAAA  
CCAGTGAGTTTTCTACCTCTACTATTGAAAGGGCACCTTGTCACAGAACCAGTCTTGCTGCATGTGG

**Exon2**

CTGAGGCCTCTACACATCCCTGTCCAGTCTTTTCATTCTCT→CGTGGTTTTCTCATTCTAGTCCAAGAGGC  
CCAGAAGCAAACCTGGAGGTGAGACCCAAAGAAAGCTGGAACCATGCTGACTTTGTACACTGTG→A  
AGGACACAGAGTCTGTTCTTGAAAGC→TCCAGTGTCACGCAGATGAGGAAGTCG→AGAGGTCCC  
CAAATCTGCCGTGTATGTGGGGACAAGGCCACTGGCTATCACTTCAATGTCATGACATGTGAAGGAT  
GCAAGGGCTTTTTCAGGTAGAGTTACCCATCAGCCTTCACCCACGTGCCACCACTGACCACTGGGTAAC  
ATCTCAGGGCCT

**Exon3**

CTGGGACGCAAAGGCTAGTGTCCCCCTCCCCGAGTCGGTAGGGGCTGGGGAGGGAGGTGGTATGGCCCGG  
AGCCCCAGGCCGAGGGCCCCGGGCACCCGTGCATC→TCCCCCTTCTGCTCCCCATTCTCTCACAGGAGGGC  
CATGAAACGCAACGCCCGGCTG→CAGGTGCCCTTCCGGAAGGGCGCCTGCGAGATCACCCGGAAG  
ACCCGGCGACAGTGCCAGGCCTGCCGCCTGCGCAAGTGCCTGGAGAGC→TGGCATGAAGAAGGAGA  
GTGAGCAGTGGGCGCGCGGGCGGGCCGGCGCCGGGTGCACGGCTCTGAGTAAGGACGTGCCGTGGGTGT  
GT→GGCATGCTTGTGTGGAGATGCGCGCCGAGTGTGCGCGTGAACACACGTGCACATGTGAGCTGGTGTCC  
GTGTGCAACAGG

**Exon4**

TAACGGCTTCTGCTGCCTTGAGAGGGTTACACAGTGGCTCTCCAGGGGGCTGGAGGCTCACCAGGGGCACG  
TGTGCCTGAGCCAGCCTCACTGTCCCTGCAGTGATCATGTCCGACGAGGCCGTGGAGGAGAGGCGGGC  
CTTGATCAAGCGGAAGAAAAGTGAACGGACAGGGACTCAGCCACTGGGAG→ATGCAGGGGCTGACA  
GAGGAGCAGCGGATGATGATCAGGGAGCTGATGGACGCTCAGATGAAAACCTTTGA→GCACT→CAC  
CTTCTCCCATTTCAGAATTTCCGGGTAGGAGGAACTGCACAGTGACCCGAGGTGTCACTGCCATCTTCA  
TTCTCACATAGAACTGAGGTTCCCCAAGGATAAGAACTTATACAAGGTCACAGCTAATCAGTGGTGGAG  
GGTAGATTTGGAGAGCT

**Exon5**

CTGAGTTGGGACCTGTCTATGAAAGCACATGCTGTCTCTCTGTCCACCTCCTGGCATGTGTCTAGCTG  
CCAGGGGTGCTTAGCAGTGGC→TTGCGAGTTGCCAGAGTCTCTGCAGGCCCCATCGAGGGAAGAAG  
CTGCCAAGTGGAGCCAGGTCCGGAAGATCTGTGCTCTTTGAAGGTCTCTCTGCAGCTGCGGGGGGA  
GGATGGCAGTGTCTGGAACACAAACCCCCAGCCGACAGTGGC→TGGGAAAGAGATCTTCTCCCTG  
CTGCCCCACATGGCTGACATGTCAACCTACATGTTCAAAGGCATCATCAGCTTTGCCAAAGTCATCTC  
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AAGGGCCTGG

**Fig 4**

**Exons 6&7**

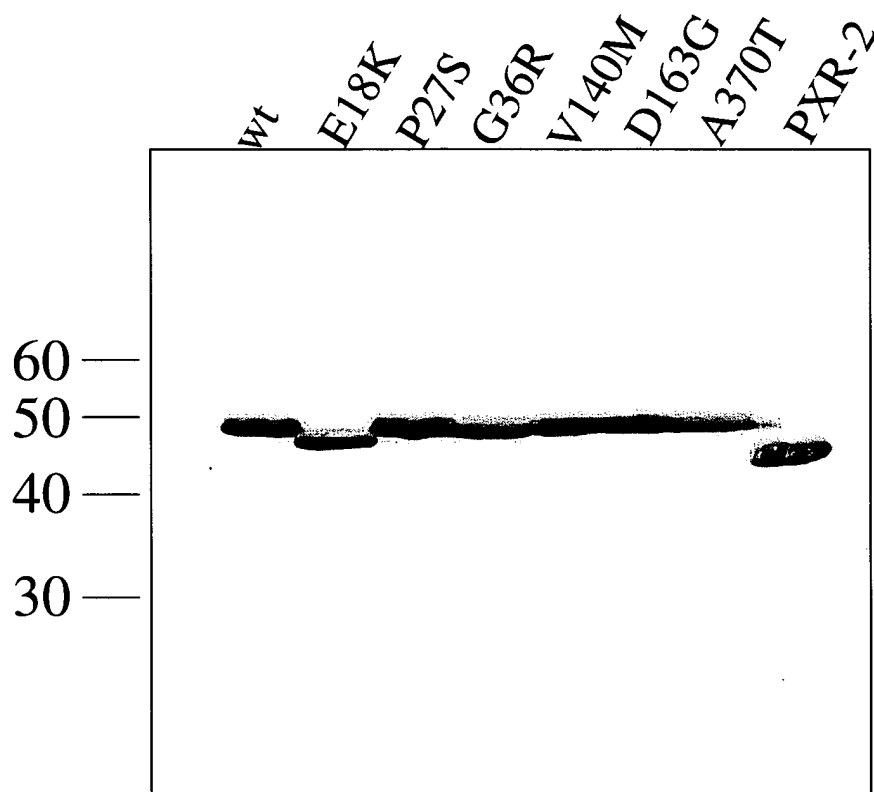
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GCTACGCCAGGATATGCAGGTTCTGGGATGGCAG→AGGCAGGAAGATGGAATGGTGGAACAAGA→GT  
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AGGTGGCTTCCAGCAACTTCTACTGGAGCCCATGCTGAAATTCCACTAC→TATGCTGAAGAAGCTGC  
AGCTGCATGAGGAGGAGTATGTGCTGATGCAGGCCATCTCCCTCTTCTCCCCAGGTGAGGATCTCCCC  
TAGGCTGCCTGACATCCCCCCC→TAGCCTTATCTGCCCTCCCCAGGGAAGGTCCCAGTC

**Exon 8**

GAGCAATGCCCTGACTCTGGGCTGGACTGAGCTTGTCTTTGCCCCATGATCTTGCAACACACCTCCCTCCCC  
TCCAGACCGCCAGGTGTGCTGCAGCACCGCGTGGTGGACCAGCTGCAGGAGCAATTCC→ACCATT  
CTCTGAAGTCCTACATTGAATGCAATCGGCCCCAGCCTGCTCATAGGTGAGCACAGCAGGGGGTGAGG  
ACCCGTGAGGGTGATGTGAGG→AGAGCCGAGGTTCAAGGAAATTGCCAAGACTTCATGGCCAGAGGG

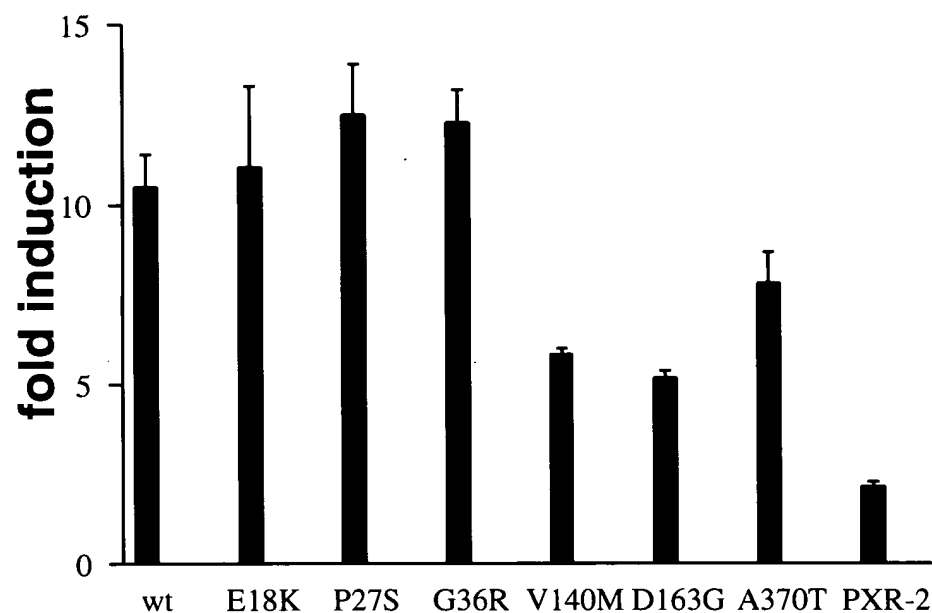
**Exon 9**

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CTGGCATGCAGGTTCTTGTTCCCTGAAGATCATGGCTATGCTCACCGAGCTCCGCAGCATCAATGCTCA  
GCACACCCAGCGGTGCTGCGCATCCAGGACATACACCCCTTTGCTACGCCCTCATGCAGGAGTTG  
TTCGGCATCACAGGTAGCTGAGCG→AGCTGCCCTTGGG→ATGACACCTCCGAGAGGCAGCCAGACC  
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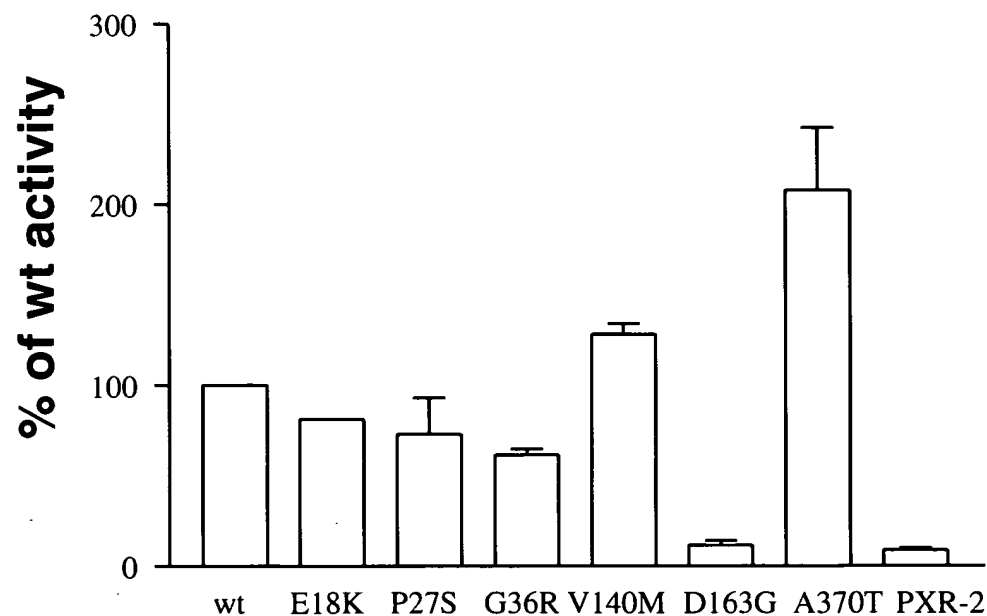


**Fig. 5**

**A**



**B**



**Fig 6**